ABIGALE PFINGSTEN

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EDUCATION

Carnegie Mellon University, Pittsburgh PA   **May 2020**

Bachelor of Science: Statistics & Data Science, International Relations | **GPA**: 3.66/4.00

Minor: Piano Performance
Honors: National Hispanic Scholar (June 2018), Dean's List – Honors (F2016, S2017, F2018, F2019, F2020, S2020)

Certifications: Web Development (OpenClassrooms, 2024), Python for Data Science (Cornell University, 2023), Introduction to Analytics Modeling (Georgia Institute of Technology, 2021), React.js Essential Training (LinkedIn Learning, 2021)

EXPERIENCE

Business Analytics Consultant Sr, PNC Financial Services   **May 2020 – Present**
Corporate & Institutional Banking, Pittsburgh, PA

- Architected the backend, designed the logic flow, and coded the frontend to create a modularized R Shiny application, containing over 10,000+ lines of code, and estimated to benefit the business up to five million dollars
- Assumed the role as the primary R Shiny developer for C&IB and solely developed four applications, and trained other team members on how to optimize application performance by improving code efficiency, using modularization, and utilizing the reactive paradigm
- Integrated external databases using big data (Hadoop) and APIs into R Shiny applications
- Built an advanced Tableau dashboard that assisted senior leaders to smoothly transition customers from BBVA during the PNC's acquisition of the former bank
- Conduct ad-hoc SQL query requests, whether it being debugging an existing query populating an app or dashboard, or creating queries to pull data to perform analysis for a given business group

Data Analyst Intern, PNC Financial Services   **May 2019 – Aug 2019**
Corporate & Institutional Banking, Pittsburgh, PA

- Created an R Shiny product that took a mundane and manual excel process, and turned into a streamlined application, which is still actively being used
- Delivered actionable insights regarding customer churn, after intensely analyzing and querying historical data, and presented findings to senior executives as part of a capstone project

Research Assistant, Covert Action Data Mining: Professor Dani Nedal   **Aug 2018 – May 2019**
Carnegie Mellon University, Pittsburgh, PA

- Generated an efficient algorithm to convert multiple variations of pdf journals into .txt format to ingest the data into a corpus for text analysis using in R using rvest

SKILLS

- **Programming Languages/Software**: R, Javscript, HTML, CSS/SCSS, SQL, Python, Tableau
- **Frameworks:** React, R Shiny
- **Version Control**: Git, BitBucket
- **Methodologies:** Agile, Jira
- **Languages**: Spanish, Italian